

AMENDMENTS TO THE CLAIMS

Please amend claims 15-21 and 28-41. Following is a complete listing of the claims pending in the application, as amended:

1-14. (Cancelled)

15. (Currently Amended) A multimedia data file producer adapted to be used for use with a personal computer, the multimedia data file producer comprising:

an image pickup component capable of receiving-configured to receive an image signal and further capable of transforming said-transform the image signal into a first analog signal;

a sound pickup component capable of receiving-configured to receive a sound signal and a voice command, wherein at least a portion of the sound signal is received non-contemporaneously with the image signal, and wherein the sound pickup component is further capable of transforming said-configured to transform the sound signal into a second analog signal and transform the voice command into a third analog signal;

a first analog-digital converter electrically connected to said-the image pickup devicecomponent, said-wherein the first analog-digital converter capable of converting said-is configured to convert the first analog signal into a first digital signal;

a second analog-digital converter electrically connected to said-the sound pickup device, said-wherein the second analog-digital converter capable-of converting said-is configured to convert the second analog signal into a second digital signal and convert the third analog signal into a third digital signal; and

a processor electrically connected to said-the first and second analog-digital converters, wherein the processor capable-of producing-is configured to produce a multimedia data file comprising-including image data derived from the first digital signal and sound information-data derived from the second digital signal, wherein the multimedia file is produced in response

to the third digital signal a determination that the second digital signal corresponds to a voice control command.

16. (Currently Amended) The multimedia data file producer according to claim 15, wherein said the image pickup device comprisesincludes:

a lens set capable of focusing said configured to focus the image signal; and
a photo-electric converting element capable of sensing said configured to sense the focused image signal to generate said the first analog signal.

17. (Currently Amended) The multimedia data file producer according to claim 16, wherein said the photo-electric converting element comprisesincludes a charge coupled device (CCD).

18. (Currently Amended) The multimedia data file producer according to claim 16, wherein said the photo-electric converting element comprisesincludes a contact image sensor (CIS).

19. (Currently Amended) The multimedia data file producer according to claim 16, wherein said the image pickup component further comprisesincludes a reflection mirror set capable of transmitting said configured to transmit the image signal to said the lens set.

20. (Currently Amended) The multimedia data file producer according to claim 15, wherein said the sound pickup component comprisesincludes:

a microphone capable of receiving said configured to receive the sound signal and further capable of transforming said transform the sound signal into said the second analog signal; and
a filter capable of filtering said configured to filter noise from said the second analog signal.

21. (Currently Amended) The multimedia data file producer according to claim 20, wherein saidthe noise has a frequency beyond a range of a human voice.

22-27. (Cancelled)

28. (Currently Amended) A multimedia data file producer, comprising: an image pickup component capableofgeneratingconfiguredtoreceive image data and generate an image digital signal ofcorrespondingtothe image dataanobject;

a sound pickup component capableofgeneratingconfiguredtoreceive sound data and generate a sound digital signal correspondingtothe sound data and receive a voice command an generate a voice signal correspondingtothe voice command capableofbeingusedforuse in a voice recognition routine, wherein at least a portion of the sound data is received separately from the image data;

a multiplexer capableofcombiningsaidconfiguredtocombine the image digital signal and saidthe sound digital signal; and

a processor connected to saidthe multiplexer, wherein the processor capableofreceivingisconfiguredtoreceive an output signal of saidthe multiplexer and further capableofproducingproduce a multimedia data file in responsetothe voice signal, wherein the multimedia file includes comprisingdigitalimage data derived from the image digital signal and digitalsoundinformation data derived from the sound digital signal in responsetoa determination that said sound digital voice signal correspondstoa voice control command.

29. (Currently Amended) The multimedia data file producer of claim 28, wherein:

saidthe image pickup component is capableofreceivingconfiguredtoreceive an image signal and convertingitconvert the image signal into an image analog signal; and comprising a first analog digital converter capable of

converting said image analog signal to said image digital signal; and
wherein

said the sound pickup component is capable of receiving configured to receive a sound signal and converting it convert the sound signal into a sound analog signal, wherein the multimedia data file producer further comprises and comprising

a first analog-digital converter operably coupled to the image pickup component and configured to convert the image analog signal into the image digital signal; and

a second analog-digital converter operably coupled to the sound pickup component capable of converting said-and configured to convert the sound analog signal to said into the sound digital signal.

30. (Currently Amended) The multimedia data file producer of claim 29, wherein said the image pickup component comprisesincludes:

a reflection mirror set configured to reflect the image signal;

a lens set capable of focusing anconfigured to focus the image signal from the reflection mirror setof said object; and

a photo-electric converting element capable of capturing said-configured to capture the image signal from the lens setof said objectto-and generate said the image analog signal.

31. (Currently Amended) The multimedia data file producer of claim 30, wherein said the photo-electric converting element comprisesincludes a charge coupled device.

32. (Currently Amended) The multimedia data file producer of claim 30, wherein said the photo-electric converting element comprisesincludes a contact image sensor.

33. (Currently Amended) The multimedia data file producer of claim 29, wherein said the sound pickup component comprisesincludes:

a microphone capable of receivingconfigured to receive sound and producing said produce the sound analog signal; and;
a filter capable of filteringconfigured to filter noise from the sound analog signal.

34. (Currently Amended) The multimedia data file producer of claim 28, wherein said the processor is capable of producingconfigured to produce the multimedia data file at least in part via multitasking.

35. (Currently Amended) A method for producing a multimedia data file, the method comprising:

receiving an image signal;
transforming the image signal into a first analog signal;
receiving a sound signal, wherein at least a portion of the sound signal is received non-contemporaneously with the image signal;
transforming the sound signal into a second analog signal;
receiving a voice signal;
converting the first analog signal into a first digital signal;
converting the second analog signal into a second digital signal;
analyzing the voice signal; and
producing a multimedia data file comprising including digital image data and digital sound informationdata derived from the first and second digital signals, wherein the multimedia data file is produced in response to a determination that the voice signal corresponds to a voice control command.

36. (Currently Amended) The method of claim 35, wherein receiving the image signal comprisesincludes focusing the image signal using a lens set, and further wherein transforming the image signal into a first analog signal comprisesincludes sensing said the focused image signal.

37. (Currently Amended) The method of claim 35, wherein transforming the image signal into a first analog signal ~~comprisee~~-includes transforming the image signal using a charge coupled device (CCD).

38. (Currently Amended) The method of claim 35, wherein transforming the image signal into a first analog signal ~~comprisee~~-includes transforming the image signal using a contact image sensor (CIS).

39. (Currently Amended) The method of claim 35, wherein transforming the image signal into a first analog signal ~~comprises~~-includes sensing an image using a scanning device.

40. (Currently Amended) An apparatus, comprising:
means for receiving an image signal;
means for transforming the image signal into a first analog signal;
means for receiving a sound signal, wherein at least a portion of the sound signal is received separately from the image signal;
means for transforming the sound signal into a second analog signal;
means for receiving a voice signal;
means for converting the first analog signal into a first digital signal;
means for converting the second analog signal into a second digital signal;
means for analyzing the voice signal; and
means for producing a multimedia data file ~~comprising~~-including digital image data and digital sound information-data derived from the first and second digital signals, wherein the multimedia data file is produced in response to a determination that the voice signal corresponds to a voice control command .

41. (Currently Amended) The apparatus of claim 40, wherein the means for receiving the image signal ~~comprises~~-includes means for focusing the image signal, and

further-wherein the means for transforming the image signal into a first analog signal
~~comprises~~includes means for sensing said~~the~~ focused image signal.